

Submit To Appropriate District Office
Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-105
Revised April 3, 2017

RECEIVED JAN 09 2019 DISTRICT II ARTESIA O.C.D.

CONFIDENTIAL

1. WELL API NO. 30-015-43990

2. Type of Lease
 STATE FEE FED/INDIAN

3. State Oil & Gas Lease No. -

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:
 COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)
 C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name
Willow Lake WC 15

6. Well Number:
1H

7. Type of Completion:
 NEW WELL WORKOVER DEEPENING PLUGBACK DIFFERENT RESERVOIR OTHER

8. Name of Operator
Kaiser-Francis Oil Company

9. OGRID
12361

10. Address of Operator
P. O. Box 21468, Tulsa, OK 74121-1468

11. Pool name or Wildcat
Purple Sage Wolfcamp Gas Pool

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	L	14	24S	28E	-	1930	South	220	West	Eddy
BH:	L	15	24S	28E	-	2250	North	45	West	Eddy

13. Date Spudded **2/15/18** 14. Date T.D. Reached **4/17/18** 15. Date Rig Released **4/21/18** 16. Date Completed (Ready to Produce) **11/7/18** 17. Elevations (DF and RKB, RT, GR, etc.) **2995 GR**

18. Total Measured Depth of Well **15562/10490** 19. Plug Back Measured Depth **8150** 20. Was Directional Survey Made? **Yes** 21. Type Electric and Other Logs Run **MWD**

22. Producing Interval(s), of this completion - Top, Bottom, Name
15354 - 15476 Wolfcamp

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20	94 J55	367	26	851 sxs	-0-
13 3/8	72 J55	2738	17 1/2	1819 sxs	-0-
9 5/8	53.5 J55	9905	12 1/4	1057 sxs	-0-
5 1/2	20 P110	15562	8 1/2	1565 sxs	-0-

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None	-	-	-	-	-	-	-

26. Perforation record (interval, size, and number)
15354 - 15476 .59 60 holes

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED
15354 - 15476 | 3000 g. 15% HCL + 11627 bbls SW + 1895 bbls linear gel + 42500# 100 mesh + 446280# 30/50 sd. (see attached)

PRODUCTION

Date First Production **None** Production Method (Flowing, gas lift, pumping - Size and type pump) **-** Well Status (Prod. or Shut-in) **shut-in**

Date of Test **None** Hours Tested **None** Choke Size **None** Prod'n For Test Period **None** Oil - Bbl **None** Gas - MCF **None** Water - Bbl **None** Gas - Oil Ratio **None**

Flow Tubing Press. **None** Casing Pressure **None** Calculated 24-Hour Rate **None** Oil - Bbl **None** Gas - MCF **None** Water - Bbl **None** Oil Gravity - API - (Corr.) **None**

29. Disposition of Gas (Sold, used for fuel, vented, etc.) **None** 30. Test Witnessed By **-**

31. List Attachments
C-103, logs, letter request for confidentiality

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit. 33. Rig Release Date:

34. If an on-site burial was used at the well, report the exact location of the on-site burial:
Latitude Longitude NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature **Charlotte Van Valkenburg** Printed Name **Charlotte Van Valkenburg** Title **Mgr., Regulatory Compliance** Date **1/8/19**

E-mail Address **Charlotv@kfoc.net**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand	T. Morrison	
T. Drinkard	T. Bone Springs 1st 6268	T. Todilto	
T. Abo	T. Delaware 2592	T. Entrada	
T. Wolfcamp 9480	T. Brushy Canyon 4703	T. Wingate	
T. Penn	T. 2nd Bone Sprg 7459	T. Chinle	
T. Cisco (Bough C)	T. 3rd Bone Sprg 8911	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....15354.....to.....15476..... No. 3, from.....to.....
 No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....unknown.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
3348			Delaware				
4703			Brushy Canyon				
6268			1st Bone Spring				
7459			2nd Bone Spring				
8911			3rd Bone Spring				
9480			Wolfcamp				

Willow Lake WC 15 1H

API 30-015-43990

Attachment to C-105 Item 27.

Set CIBP @ 10600'.

Perf'd sqz holes @ 10005'-10009'. Could not pump into.

Set cmt ret @ 9800'. Perf'd sqz holes @ 9780'.

Set cmt ret @ 9580'. Perf'd sqz holes @ 9500'.

Set cmt ret @ 9200'.

Set cmt ret @ 8200'. Sqz'd w/125 sxs cmt w/5 sxs on top of ret.